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PATENT



SPECIFICATION

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Application Date (in the United Kingdom), May 14, 1917. No. 6893/17.

Complete Accepted, Aug. 16, 1917.

COMPLETE SPECIFICATION.

Improvements in or relating to Crutches for Cripples and Invalids.

I, CAMILLE RENOUEAU, Manufacturer of Crutches, of 51, Avenue Parmentier, Paris, France, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

- 5 This invention comprises a crutch for cripples and invalids provided at a suitable height with an inwardly extending seat on which the cripple can sit, so as to transfer the weight of the body to the said seat, instead of having to support the whole weight on the shoulders through the intermediary of one or two crutches placed under the armpits.
10. The uprights of the crutch are slightly curved outwardly so that the point of support of the crutch on the ground, meets as near as possible a vertical line passing through the centre of gravity of the body resting on the seat.
- The accompanying drawing shows by way of example, a construction according to the invention.
- 15 Figure 1 is a front elevation of the crutch,
Figure 2 is a view in vertical section on line 2—2 of Figure 1,
Figure 3 is a perspective view and
Figure 4 is a plan.
- The crutch comprises in the usual way two uprights a of wood or the like, 20 connected together at the top, at the level of the arm pit, by a cross bar a^1 and joined together at the bottom in a single foot a^2 . On a cross bar a^3 connecting the two uprights together at a suitable height is a padded or cane bottom seat b , extending inwardly and supported by two straight or curved arms b^1 which are connected to the uprights a .
- 25 The cripple can sit on the seat b , while holding the cross bar a^1 under the arm at the crippled side, and also holding the crutch outside by the cross bar a^3 . Thus the weight of the body is supported during walking and at rest, no longer by the shoulder, but by the seat.
- The uprights a are slightly curved outwardly so that the foot a^2 meets as near 30 as possible a vertical line passing through the centre of gravity of the body resting on the seat b . When the cripple puts forward the sound leg, and even when at rest, he will thus be able to keep his equilibrium.
- This apparatus therefore acts as a crutch and a wooden arm or support, and makes it possible to dispense with one crutch out of two.
- 35 At the lower portion of the crutch a step or support can be provided for receiving the foot if necessary.

[Price 6d.]



Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. A crutch for cripples and invalids, provided with a seat projecting inwardly from the crutch, for the purpose described. 6
2. A crutch as claimed in Claim 1, in which the uprights are slightly curved outwardly, so that the point of support on the ground meets as near as possible a vertical line passing through the centre of gravity of the body resting on the seat.
3. The crutch substantially as described or substantially as illustrated in the accompanying drawing. 10

Dated this 14th day of May, 1917.

BOULT, WADE & TENNANT,
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Chartered Patent Agents.

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Fig. 1.

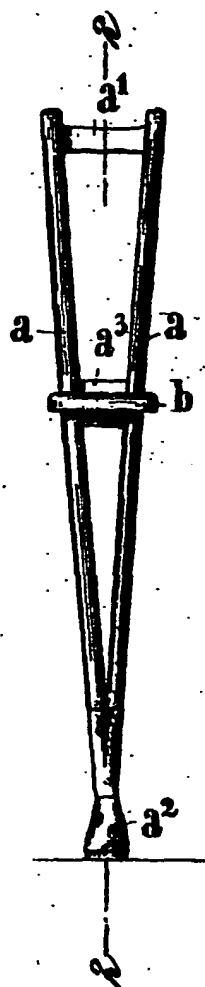


Fig. 2.

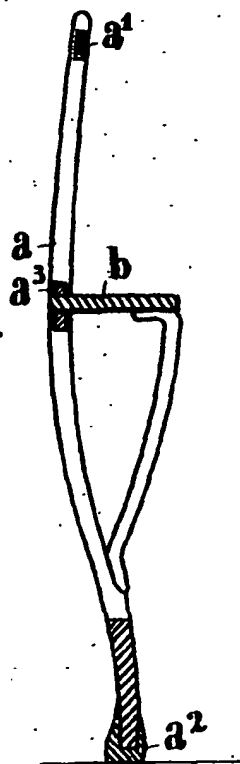


Fig. 3.

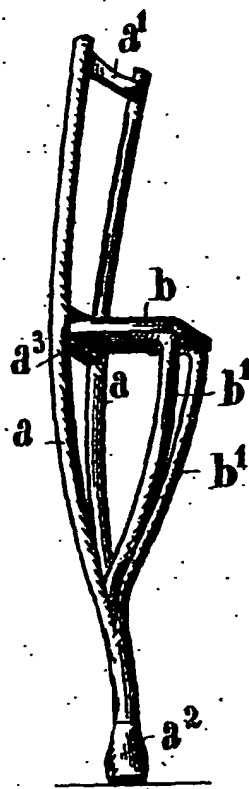
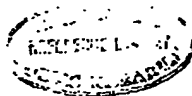
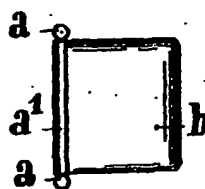


Fig. 4.



[This Drawing is a reproduction of the Original on a reduced scale.]